



**GHG Reductions** 

**Stimulating Economy** 

Expanding/Retaining Clean Energy Workforce

Resiliency Innovation

**Market Transformation** 

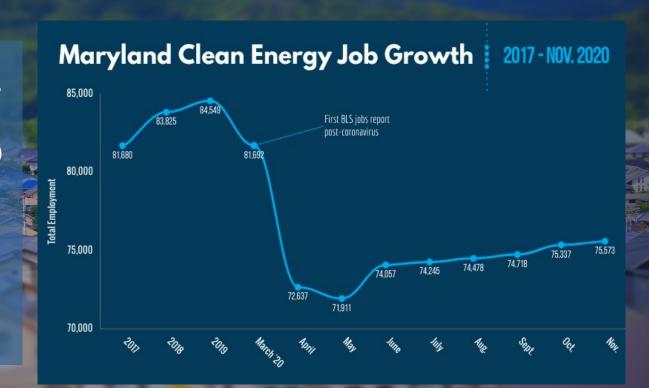
Strategic Energy Management

# **CLEAN ENERGY JOBS**

# Maryland Clean Energy <u>Jobs</u>

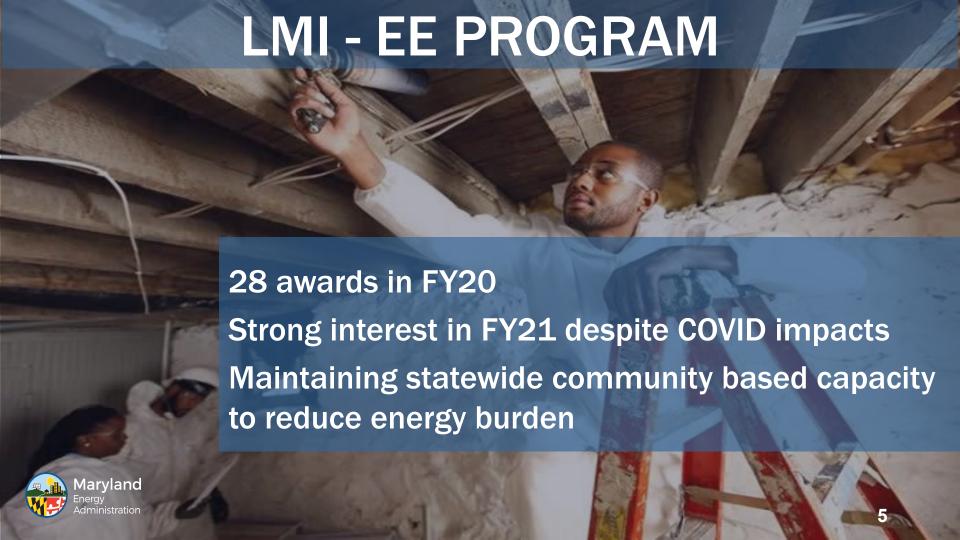
**14th in nation Pre-COVID**)

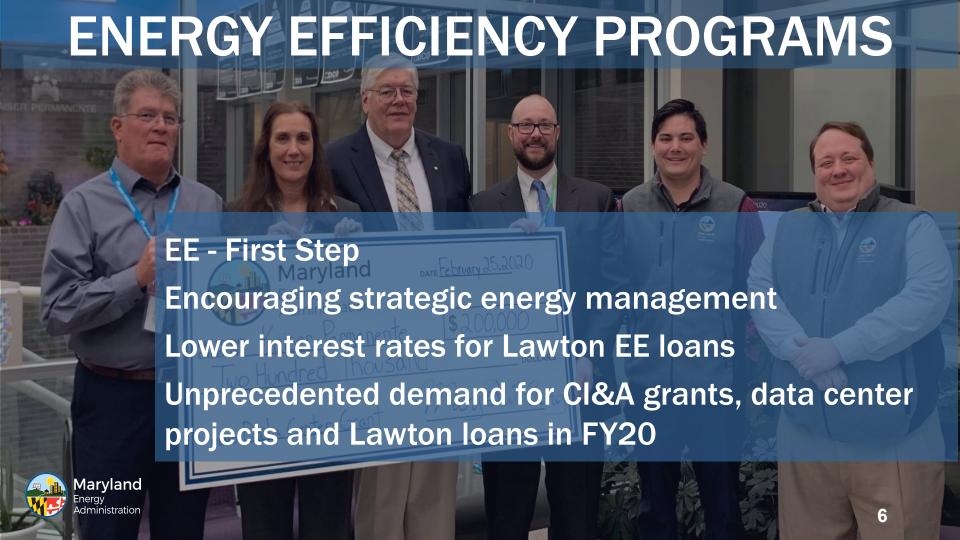
- Energy Efficiency 71,337
- . Renewables 8,203
- . Grid + Storage 2001
- . Clean Vehicles 2,839
- . Clean Fuels 170











# PUBLIC FACILITY SOLAR

#### **NEW FY21 PROGRAM**

Stimulate solar development in the built environment

Increase visibility by using public facilities as examples

Access to the Maryland Environmental Service (MES) to Assess Facility and Portfolio solar potential

**Grants for detailed site assessments** 

**Grants to reduce capital costs** 

- \$2,500 per kW for owned systems up to \$125k
- \$600 per kW up to \$300k for 3rd party owned Canopy Systems
- \$400 per kW up to \$200k for rooftop systems



FY20 pilot graduated to full Program in FY21

Grants for feasibility assessment, planning & design

Microgrids, advanced energy systems & resiliency hubs

Cleaner energy WITH Resiliency

Benefits essential services, critical facilities, vulnerable communities, economic development priorities etc.

Encourages local government, utility & customer collaboration

Year one (FY20) = 13 awards totaling over \$1 million to support community & facility resiliency



# Resilient Maryland FY20 SNAPSHOT

#### Frostburg State University - \$100,000

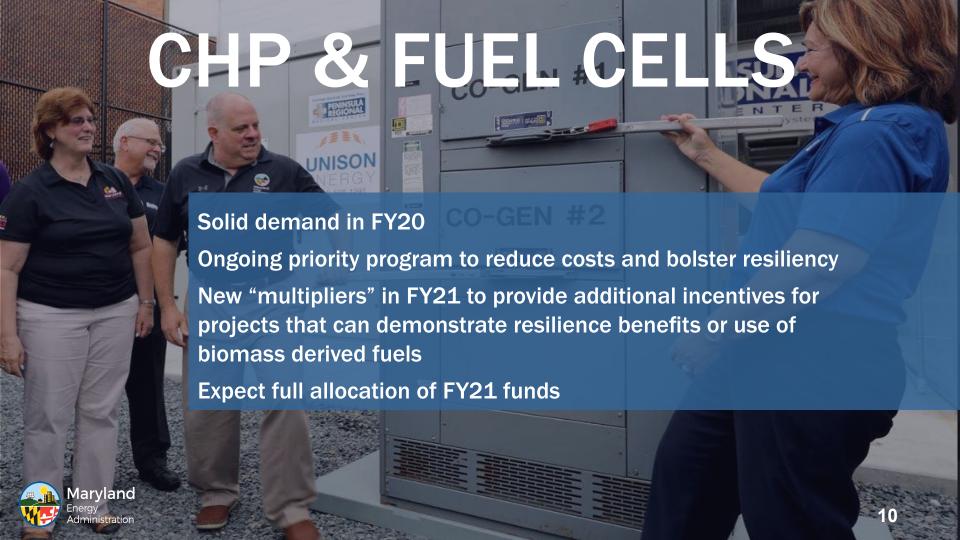
Campus-scale microgrid to bolster resiliency, further sustainability goals and train a clean energy workforce and transition to the clean energy industry.

#### Groundswell - \$300,000

Effort with the City of Baltimore to design a network of community resiliency hubs throughout the city's most vulnerable communities. Hubs provide basic needs to maintain comfort, communications and basic needs.

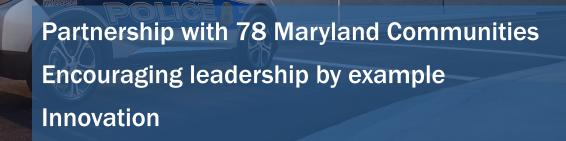
#### **Smart Electric Power Alliance - \$99,725**

Collaborative project between SEPA, Baltimore Gas and Electric, The City of Annapolis and consultants the plan and design a community-scale microgrid for a Low-to-Moderate income housing community.



## MARYLAND SMART ENERGY COMMUNITIES

Encourages local governments to innovation & adopt or improve clean energy, energy efficiency & reduce petroleum consumption





## CLEAN FUELS INCENTIVE PROGRAM

**Evolution of the Alternative fuel infrastructure program (AFIP)** 

Grants for clean fuels infrastructure and private fleet vehicles

**Electrification, Compressed Natural Gas, Propane** 

Municipal fleets can be supported via the Maryland Smart Energy Communities Program (MSEC)





## CLEAN FUELS T/A

#### FY21 PILOT PROGRAM (new)

Partner with municipal/local government fleets identify opportunities for clean fuels

Tailored for small fleets or subfleets

Access to MEA technical support contractor

Pilot program - Full participation

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#### **MEDIA INQUIRIES:**

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